Planned Documentation for Potlatch and Compact Infrared Paper Dryers

**Front End Material**
Executive Summary (About 2 pages)
Objectives
Potlatch IR drying control description
Needs
Specifications
New IR drying control block diagram
Electrical Schematics (Eagle)
Board Layouts (Eagle)

**Main Power Computer Microprocessor**
Functional description of the processor with inputs, outputs, processes
Flow charts for processors and system in general
Lists of variables used, definitions
Thoroughly document code within the code

**Firing Microprocessors**
Functional description of the processor with inputs, outputs, processes
Flow charts for processors and system in general
Lists of variables used, definitions
Thoroughly document code within the code

**Testing Plan**
Testing plans for all tests
Information on what tests will be tested where (UI vs. Potlatch)
Test:
- Proper communication between operating and power computer
- Proper communication within power computer (on new board)
- Communication with hyper terminal
- Proper output information to lamps, etc
- Assure enough output to fire thyristors, lamps
- Demonstration of full transformer actions, crest factors, proper firing of lamps

**UI Laboratory Test Results**
Document all test results before installation

**Installation Plan**
Provide initial plan for installation to be reviewed
Provide final plan for installation

**Parts/Budget**
Provide lists of all parts including manufacturer, distributor, cost, and delivery time
Provide a budget of the project